

**WEEKLY SAFETY THEME:**

*Carbon Footprint Reduction*  
**WORLD ENVIRONMENT DAY**

**WHY WE CELEBRATE WORLD ENVIRONMENT DAY**

World Environment Day, observed every 5 June, is the United Nations’ largest platform for environmental awareness — celebrated in over 143 countries. Founded in 1972, this day calls individuals, organizations, and governments to act. Kenya is one of Africa’s most climate-vulnerable nations, facing prolonged droughts, erratic rainfall, and rising temperatures. As Tsebo Kenya, operating across facilities management, catering, and cleaning services, we are uniquely positioned to make a measurable difference — on every site, every day.



**PROGRAMME OVERVIEW**

<b>Understanding Our Carbon Footprint</b>	<i>What it is &amp; why it matters</i>
<b>Energy Efficiency in Operations</b>	<i>Doing more with less</i>
<b>Sustainable Procurement</b>	<i>Buy green, think green</i>
<b>Reducing Transport Emissions</b>	<i>Move smarter</i>
<b>Climate Action &amp; Our Pledge</b>	<i>Commit, act, inspire</i>

## UNDERSTANDING OUR CARBON FOOTPRINT

40% of emissions from buildings & facilities	1.5°C Paris Agreement warming limit	3 Scopes of organisational carbon emissions
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A carbon footprint measures the total greenhouse gases an organization releases, expressed in tones of CO<sub>2</sub> equivalent (tCO<sub>2</sub>e). At Tsebo Kenya our footprint spans three scopes:

<b>Scope 2</b>	Indirect emissions — electricity we consume in buildings we manage
<b>Scope 3</b>	Value-chain emissions — procurement, waste, and employee commuting

*Reflection: Think of two activities in your daily work that generate carbon. Share with your team how you could approach them differently. ””*

## ENERGY EFFICIENCY IN TSEBO OPERATIONS

30% energy savings from behaviour change alone	50% of building energy used by HVAC systems	75% less energy used by LED vs. traditional bulbs
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Kenya Power’s grid is under pressure. Every unit of electricity saved at a Tsebo site directly reduces national demand and carbon emissions. Energy efficiency is not a cost — it is a competitive advantage.

### BY TEAM

- Cleaning teams: Use cold-water cleaning where safe; switch equipment off at source after every shift
- Catering teams: Keep oven doors closed; defrost food in advance; avoid overstocking refrigerators
- Facilities teams: Optimize HVAC set-points to 22–24°C; schedule preventive maintenance to avoid energy-wasteful breakdowns
- All staff: Switch off lights when leaving rooms; unplug equipment on standby; use natural light and ventilation



*⚡ Energy saved is energy generated. A kilowatt-hour saved at our site is one less kilowatt-hour Kenya Power must produce.””*

## SUSTAINABLE PROCUREMENT

70%  
of carbon footprint sits in  
the supply chain

3Rs  
Reduce · Reuse · Recycle

Local  
sourcing cuts transport  
emissions significantly

What we buy matters as much as how we work. Sustainable procurement embeds environmental thinking into every purchase decision — from cleaning chemicals to catering ingredients and office supplies.



### WHAT TSEBO KENYA TEAMS SHOULD DO

- Prioritize locally sourced produce and supplies — Kenyan-grown ingredients cut food miles significantly
- Choose eco-certified, biodegradable cleaning chemicals with concentrated formulas and minimal packaging
- In catering, order to demand: over-ordering creates food waste that produces methane in landfills
- Consolidate supplier deliveries to reduce the number of vehicle trips to site
- Request Environmental Management Plans (EMPs) from key suppliers during procurement reviews

*Every purchase is a vote for the world we want to build. Tsebo Kenya's collective buying power is a meaningful lever for change. ”*

## REDUCING TRANSPORT EMISSIONS

16%  
of global emissions from  
road transport

2.4 kg  
CO<sub>2</sub> per litre of petrol  
burned

20%  
fuel saving from smart  
route planning

Nairobi's traffic is one of Kenya's biggest environmental challenges. Tsebo Kenya's fleet and employee commuting patterns are real contributors — and real opportunities. Smarter movement means lower costs and lower emissions.



**ECO-DRIVING & FLEET HABITS**

- Plan routes in advance using GPS tools; cluster site visits to avoid backtracking
- Switch engines off when stationary for more than 60 seconds — idling wastes fuel
- Maintain steady speeds; avoid harsh acceleration and late braking
- Check tyre pressure monthly — under-inflation increases fuel consumption by up to 3%
- Carpool to and from site; use matatu or BRT routes where practical
- Replace in-person travel with video calls for internal meetings wherever possible

**🌍 Today is World Environment Day. Share this programme with one colleague. One green habit x our entire workforce = massive impact. ”**

**CLIMATE ACTION COMMITMENTS & OUR PLEDGE**

<p>Net Zero global target by 2050</p>	<p>SDG 13 UN Climate Action goal</p>	<p>Kenya committed to 32% emission reduction by 2030</p>
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Kenya has pledged to reduce its national emissions by 32% by 2030 under the Paris Agreement. The built environment and facilities sector — where Tsebo operates — is central to achieving that goal. ISO 14001 certification provides the framework; our people provide the drive.

**OUR 5 PLEDGES AS TSEBO KENYA EMPLOYEES**

- Save energy every day — switch off, unplug, and report waste
- Reduce, reuse, and recycle across all our sites
- Drive and travel smarter — plan, carpool, and consolidate
- Choose greener products and support sustainable suppliers
- Spread awareness — share this knowledge with at least one person



**🌿 Sustainability is not a project with an end date — it is a way of doing business every single day. Together, as Tsebo Kenya, we protect our environment while delivering world-class service. ”**